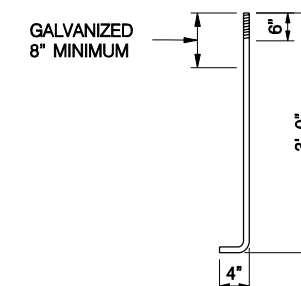


USER: SIECAW
Friday, March 17, 2006
DATE: 03-17-2006
DGN: ... (standard) 2006 (page 2).dgn

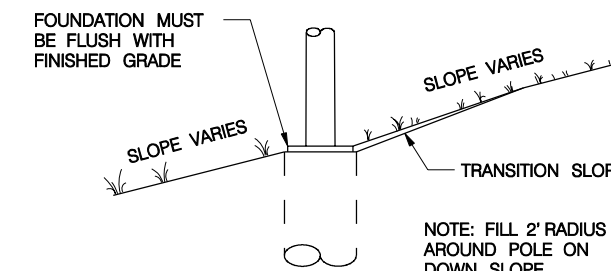
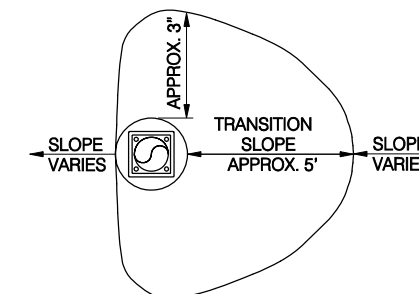
| | |
|------------------|------------|
| CITY PROJECT NO. | SHEET NO. |
| LSP | 1 |
| Date: 03-2006 | Drawn: CAW |
| Scale: NONE | Checked: |
| | Approved: |

| STREET LIGHT FOUNDATION DATA | | | | | |
|------------------------------|-----------------|-------|-------|--------|---------------|
| FOUNDATION | MOUNTING HEIGHT | A | B | STEEL | CONCRETE |
| F2530 | UP TO 30' | 2'-0" | 5'-0" | 50 lb. | 0.58 CU. YDS. |
| F3540 | 31' TO 40' | 2'-0" | 5'-6" | 55 lb. | 0.64 CU. YDS. |
| F4550 | 41' TO 50' | 2'-6" | 6'-0" | 63 lb. | 1.10 CU. YDS. |

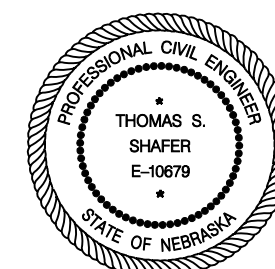
CONCRETE CLASS "47-B"
REINFORCING STEEL: GRADE 60
ANCHOR BOLTS: 1" DIA. (AASHTO M314, GR.55)
HEAVY HEX GALVANIZED NUTS. (AASHTO M291, GR A)
FLAT WASHERS GALVANIZED: (AASHTO M293)



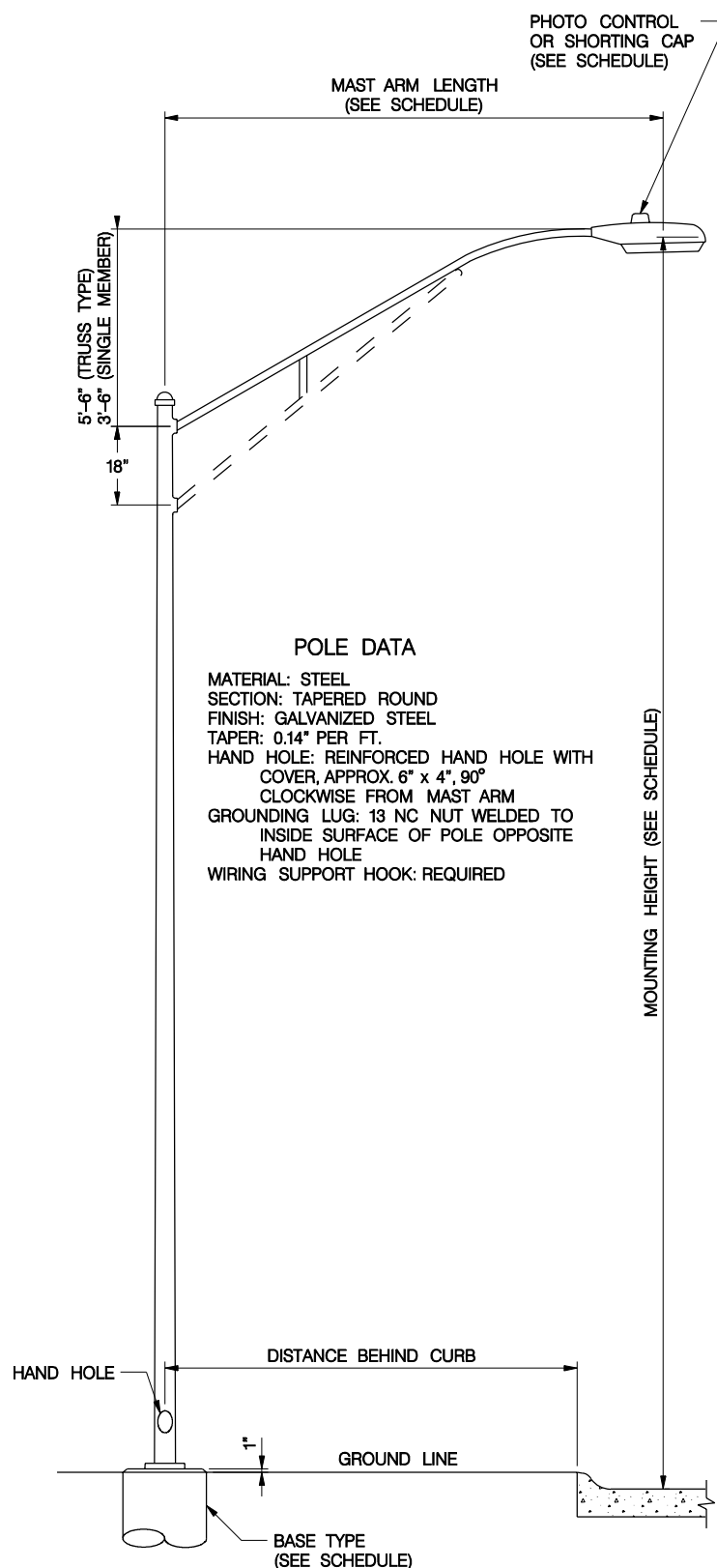
ANCHOR BOLT DETAIL



LIGHT POLES LOCATED ON SLOPE



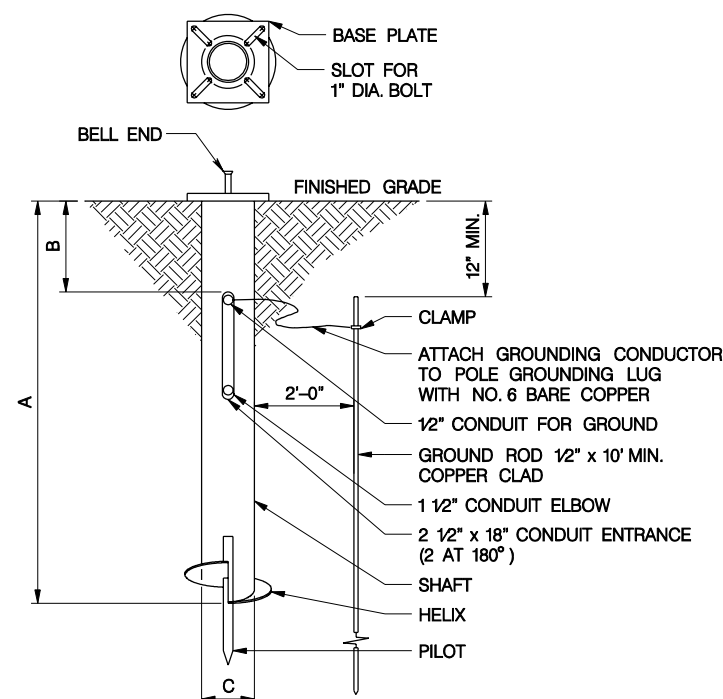
STREET LIGHTING POLES
L.S.P. 92



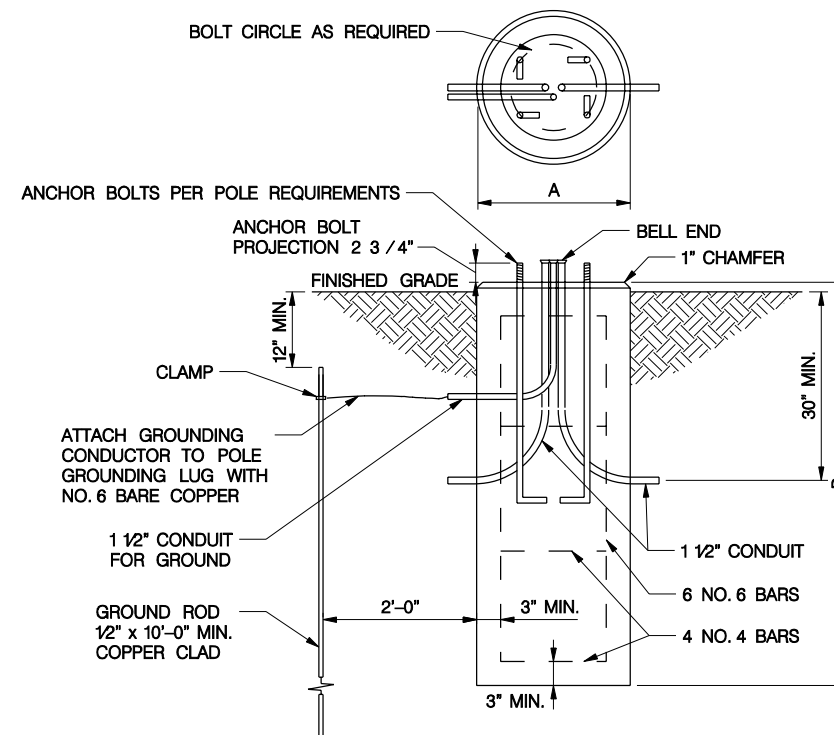
STREET LIGHTING POLE ELEVATION

EXAMPLE: SL-A-C-40-T6 / 12T-3-0.25-PC
STREET LIGHT POLE
A - ANCHOR BASE
T - TRANSFORMER BASE
B - BREAKAWAY
C - CONCRETE FOUNDATION
EM - EMBEDDED
PI - POWER INSTALLED
S - ON STRUCTURE
SP - SPECIAL
W - WOOD
MOUNTING HEIGHT
ONLY IF TWIN STREET LIGHT ARM
ARM LENGTH
SECOND ARM LENGTH, IF DIFFERENT
ARM TYPE
SINGLE IS NO DESIGNATION
T - TRUSS
UPSWEPT OF LUMINAIRE ARM
LAMP SIZE IN KILOWATTS
PC - PHOTO CELL
SC - SHORTING CAP

POLE TYPE AND SIZE LEGEND



POWER INSTALLED FOUNDATION



CONCRETE FOUNDATION

NOTES:
FOUNDATION MUST BE INSTALLED PRIOR TO TRENCHING AND WITHOUT PILOT HOLE.

FOUNDATION MUST BE INSTALLED WITH BASEPLATE LEVEL AND FLUSH WITH FINISHED GRADE.

ANY DEVIATION FROM ABOVE INSTALLATION PROCEDURES MUST BE APPROVED BY ENGINEER.

| STREET LIGHT FOUNDATION DATA | | | |
|------------------------------|-------|-------|----|
| MOUNTING HEIGHT | A | B | C |
| UP TO 30' | 5'-0" | 1'-6" | 8" |
| 31' TO 40' | 6'-0" | 1'-6" | 8" |
| 41' TO 50' | 7'-0" | 1'-6" | 8" |

FOUNDATION

SHAFT: ASTM A53 SCHEDULE 40, GRADE B.
ASTM A501 OR ASTM A252, GRADE 2.
BASE PLATE: ASTM A36
HELIX: ASTM A29
PILOT: ASTM 575

GALVANIZE FOUNDATION PER ASTM A153 AFTER FABRICATION.

HARDWARE

CARRIAGE BOLTS: SAE J429 GRADE 5 GALVANIZED A153 CLASS C
HEAVY HEX NUTS: ASTM A563 GRADE D OR DH GALVANIZED A153
WASHERS: ASTM F436 GALVANIZED A153